

FIG. 1

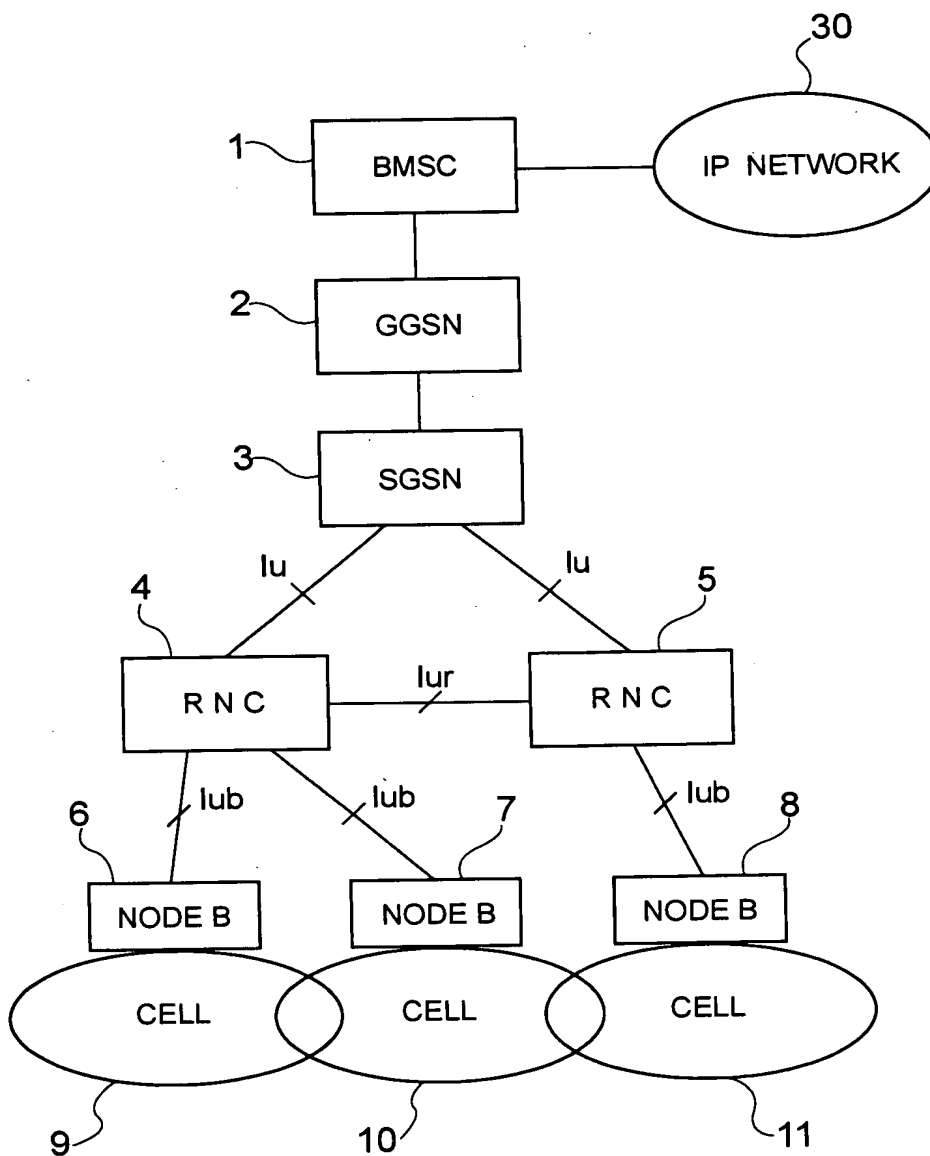


FIG. 2

RNC FUNCTIONAL BLOCK DIAGRAM

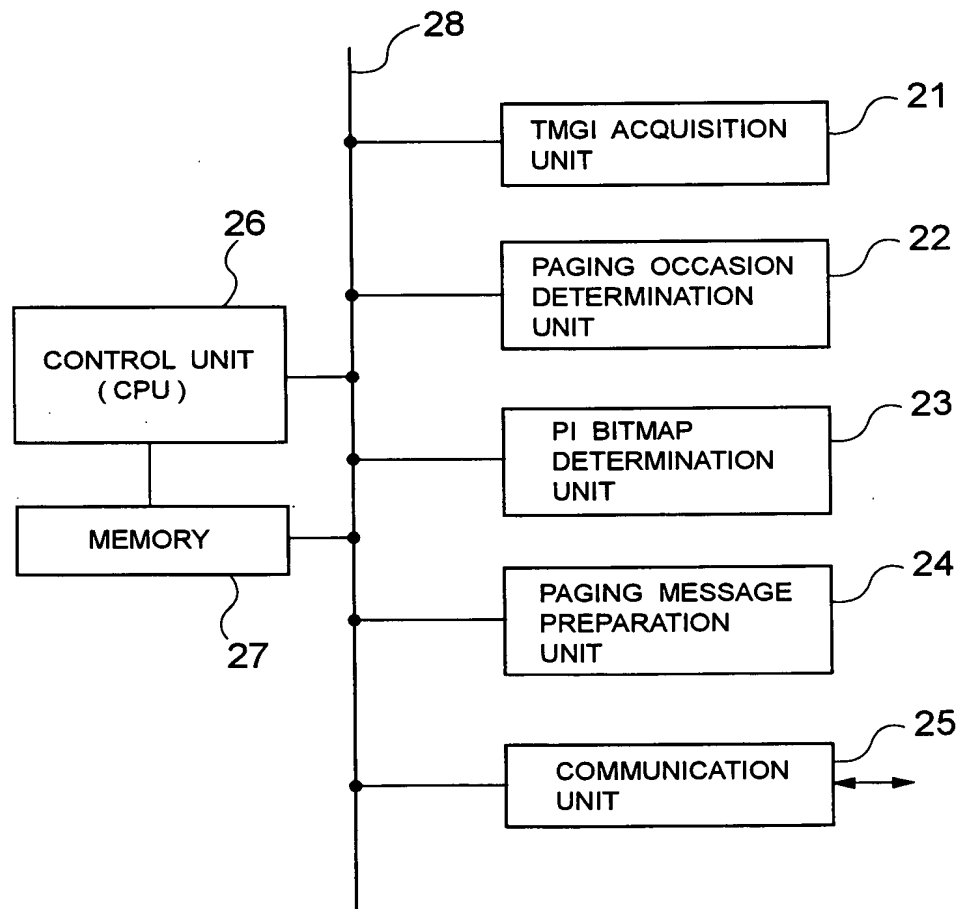


FIG. 3

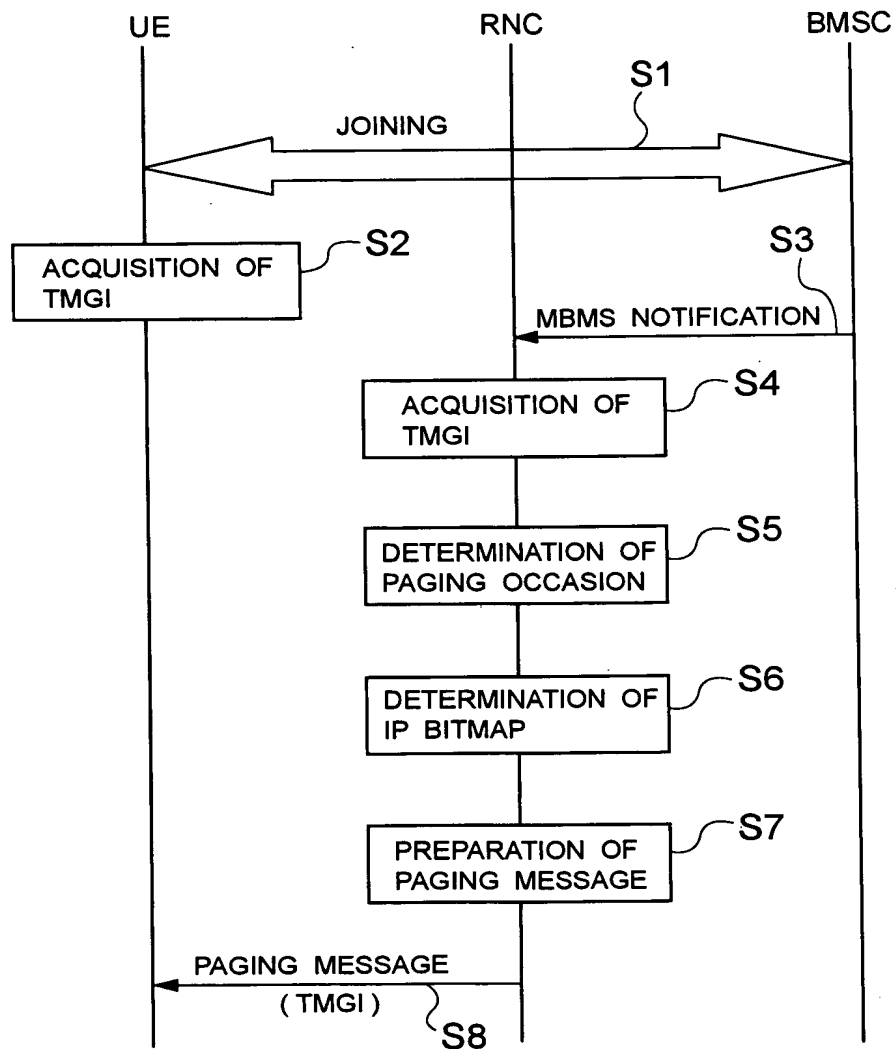


FIG. 4

$$PO = \{ \{ (TMGI) \text{ div } (K) \} \text{ mod } \{ (DRX \text{ CYCLE LENGTH}) \text{ div } (PBP) \} \} * PBP + n * (DRX \text{ CYCLE LENGTH}) + \text{FRAME OFFSET} \dots (3)$$

TMGI: TEMPORARY MOBILE GROUP IDENTIFY
 (IDENTIFIER PECULIAR TO MBMS SERVICE),

K: NUMBER OF EXISTING PAGING CHANNELS
 (SCCPCH),

DRX (DISCONTINUOUS RECEPTION) CYCLE
 LENGTH: PERIOD FOR RECEIVING PICH,

PBP: PAGING BLOCK PERIODICITY,

n: INTEGER INCLUDING ZERO (UP TO MAXIMUM
 NUMBER OF SFN (SERIAL FRAME NUMBER))

FIG. 5

$$PI = (DRXindex) \text{ mod } (Np) \dots (4)$$

DRXindex: (TMGI) div (8192),

Np: (18, 36, 72, 144),

FIG. 6

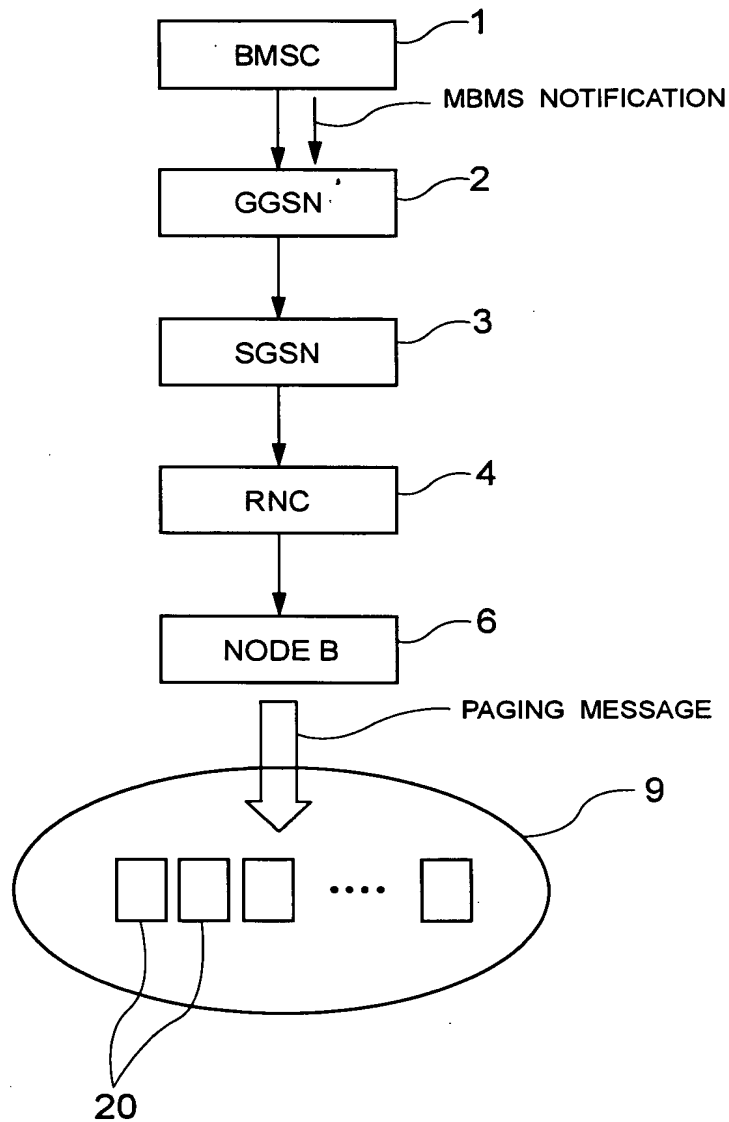


FIG. 7

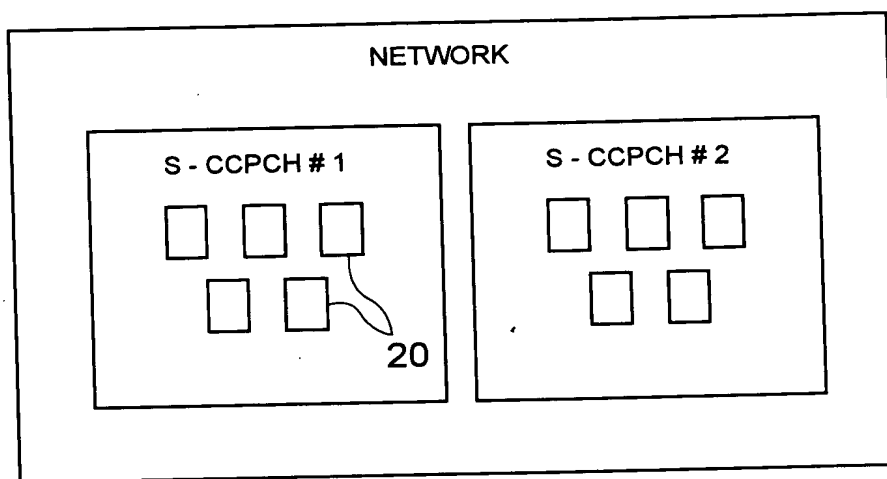


FIG. 8

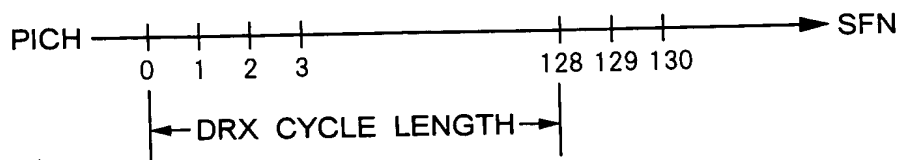


FIG. 9

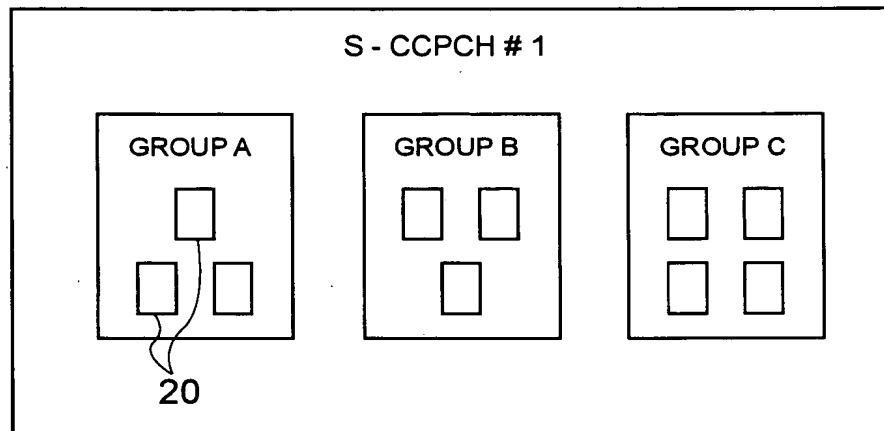


FIG. 10

GROUP	PAGING OCCASION
A	0, 128, 256,
B	1, 129, 257,
C	2, 130, 258,

FIG. 11

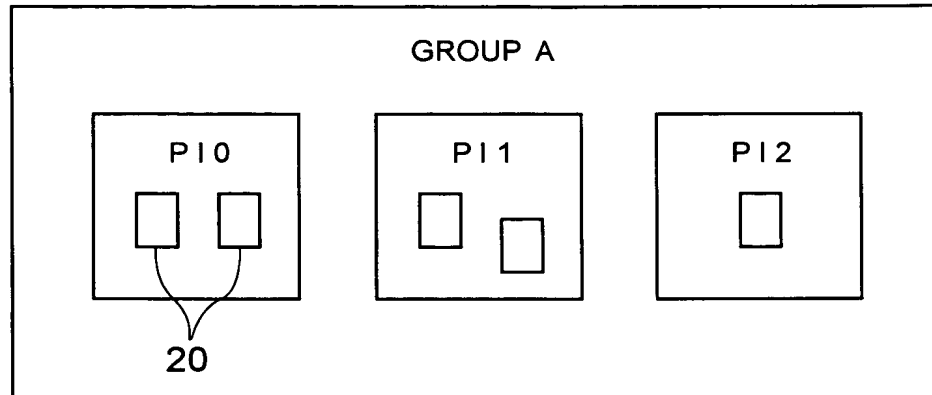


FIG. 12

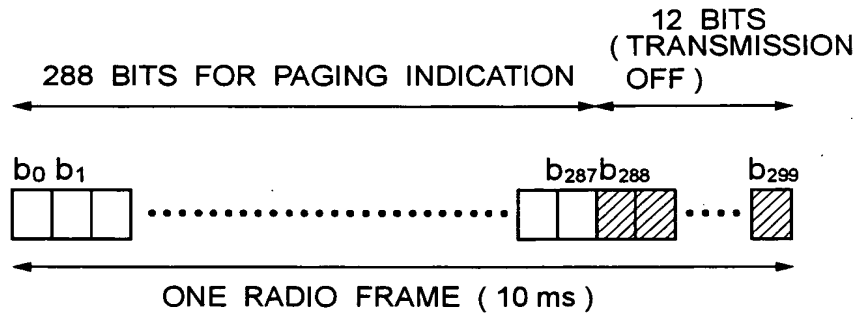


FIG. 13

NUMBER OF CONTINUOUS BITS OF
 PI FOR EACH N_p

NUMBER OF PIS IN ONE FRAME	NUMBER OF BITS FOR ONE PI
18	18
36	8
72	4
144	2

FIG. 14

$$PO = [\{ (IMSI) \div (K) \} \bmod \{ (DRX \text{ CYCLE LENGTH}) \div (PBP) \}] * PBP + n * (DRX \text{ CYCLE LENGTH}) + \text{FRAME OFFSET} \dots (1)$$

IMSI : INTERNATIONAL MOBILE SUBSCRIBER IDENTIFY
 (USER IDENTIFIER FIXEDLY ALLOCATED TO USER),

K : NUMBER OF EXISTING PAGING CHANNELS
 (SCCPCH),

DRX (DISCONTINUOUS RECEPTION) CYCLE
 LENGTH : PERIOD FOR RECEIVING PICH,

PBP : PAGING BLOCK PERIODICITY,

n : INTEGER INCLUDING ZERO (UP TO MAXIMUM
 NUMBER OF SFN (SERIAL FRAME NUMBER))

FIG. 15

$$PI = (DRXindex) \bmod (Np) \dots (2)$$

DRXindex : (IMSI) div (8192),

Np : (18, 36, 72, 144),

FIG. 16

